

REMARKS

Amendments to the Claims

Upon entry of the present amendments, claims 1-61 are pending. The present amendment does not introduce new matter.

The amendments to the claims of the application have been presented in order to put forth the claimed invention in a more clear and accurate manner. The claims are amended according to the scope available to the invention as explicitly or implicitly derived from the text. The following is a concise explanation of each amendment.

Claim 6 is amended to clarify the distinction between a silica aerogel material and a precompressed aerogel.

Claim 15 is amended to clarify the relationship between the spacer, flow line and carrier pipe. A correction to the minimum number of spacers for the apparatus is also made.

Claim 32 is amended to point out the relative spatial arrangement of the spacer, flow line and the carrier pipe.

Claim 43 is supported in the specification under subsection “Spacer Design” on page 10.

Claim 44 is supported in the specification on page 8 line 22.

Claim 45 is supported in the specification under subsection “Use of a Phase-Change Material (PCM)” on page 16.

Claim 46 is supported in the specification on page 8 lines 29-30.

Claim 47 is supported in the specification under subsection “Spacer Design” on page 10.

Claim 48 is supported in the specification on page 8 line 22.

Claim 49 is supported in the specification on page 8 lines 29-30.

Claim 50 is supported in the specification under subsection “Use of a Phase-Change Material (PCM)” on page 16.

Claim 51 is supported in the specification on page 11 line 11.

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Claim 52 further describes various forms of fiber reinforcements, well known in the art, that are available to the invention.

Claim 53 is supported in the specification under subsection "Spacer Design" on page 10.

Claim 54 is supported in the specification under subsection "Use of a Phase-Change Material (PCM)" on page 16.

Claim 55 is supported in the specification on page 15 line 28.

Claim 56 corresponds to the apparatus implied in claim 32 and is supported throughout the specification.

Claim 57 is supported in the specification on page 11 line 11.

Claim 58 further describes various forms of fiber reinforcements, well known in the art, that are available to the invention.

Claim 59 is supported in the specification under subsection "Use of a Phase-Change Material (PCM)" on page 16.

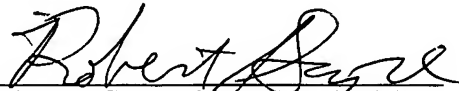
Claim 60 is supported in the specification on page 15 line 28.

Claim 61 is supported in the specification under subsection "Spacer Design" on page 10.

CONCLUSION

Applicants respectfully request that the above amendments be entered. If there are any questions regarding these amendments and remarks, the Examiner is encouraged to contact the undersigned at the telephone number provided below.

Respectfully submitted,



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